AUTODOC CLUB

How to change track rod end on **Nissan Qashqai J10** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
NISSAN X-Trail (T31) 2.0 dCi FWD, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.5 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 dCi All-wheel Drive, NISSAN X-Trail (T31) 2.0 dCi, NISSAN X-Trail (T31) 2.0, NISSAN X-Trail (T31) 2.0 dCi 4x4, NISSAN X-Trail (T31) 2.5 4x4, NISSAN X-Trail (T31) 2.0 FWD, NISSAN Rogue 2.5 AWD, (+ 8)

The steps may slightly vary depending on the car design.

REPLACEMENT: TRACK ROD END – NISSAN QASHQAI J10. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #19
- Combination spanner #22
- Drive socket # 16
- Drive socket # 17
- Wheel impact socket #21
- Ratchet wrench
- Tap wrench
- Vernier caliper
- Ball joint puller
- Wheel chock

BUY TOOLS

Replacement: track rod end – Nissan Qashqai J10. AUTODOC recommends:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- All work should be done with the engine stopped.

REPLACEMENT: TRACK ROD END – NISSAN QASHQAI J10. USE THE FOLLOWING PROCEDURE:

1. Secure the wheels with chocks.

2. Loosen the wheel mounting bolts. Use wheel impact socket #21.



3. Raise the front of the car and secure on supports.



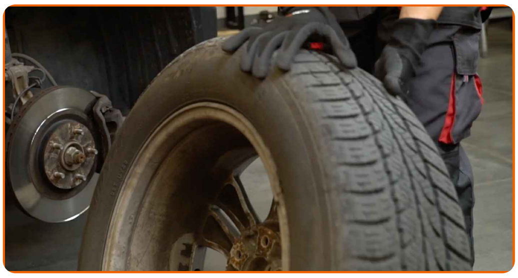
4 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Nissan Qashqai J10

5 Remove the wheel.



6 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



7 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #16. Use a tap wrench.



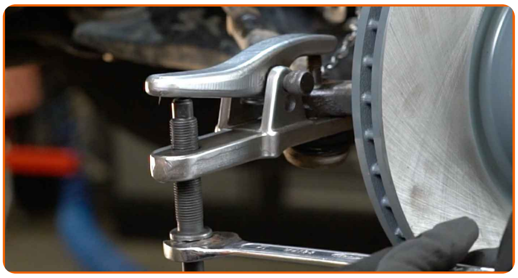
8 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



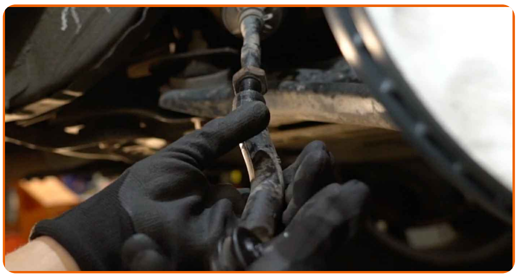
9 Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #22.



10 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



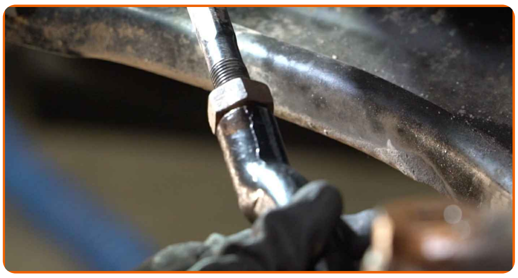
11 Screw the end out of the tie rod.



12 Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.



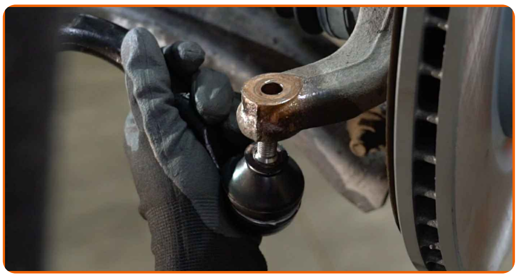
13 Screw on a new tie rod end.



Replacement: track rod end – Nissan Qashqai J10. Professionals recommend:

- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

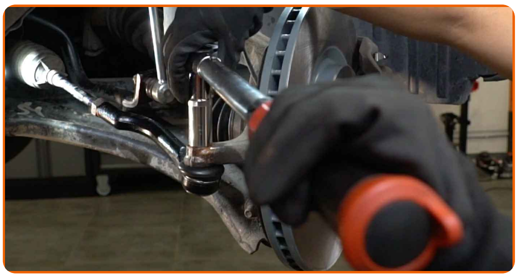
14 Connect the tie rod end to the steering knuckle.



15 Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.



16 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 35 nm torque.



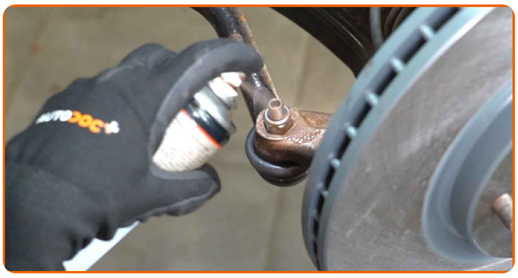
17 Tighten the tie rod end locknut. Use a combination spanner #19. Use a combination spanner #22. Use a torque wrench. Tighten it to 88 nm torque.



18 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



19 Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



20 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



21 Clean the brake disk surface. Use a brake cleaner.



Replacement: track rod end – Nissan Qashqai J10. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

22 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Nissan Qashqai J10

23 Screw in the wheel bolts. Use wheel impact socket #21.



24 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 112 nm torque.

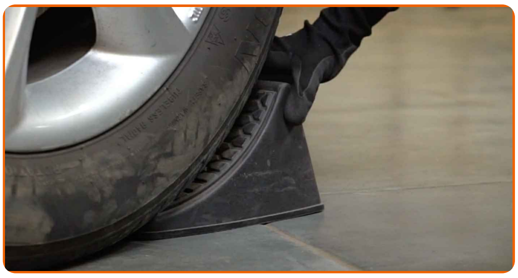


Replacement: track rod end – Nissan Qashqai J10. Tip from AUTODOC experts:

- Check and adjust wheel alignment if necessary.

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Remove the jacks and chocks.

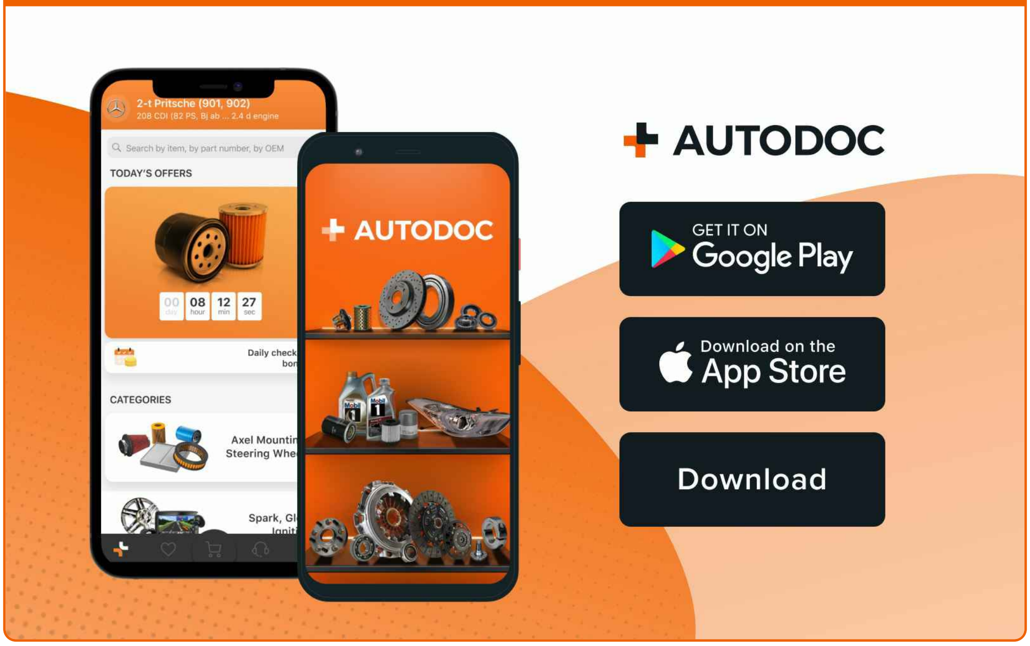


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